

Title (en)
Multi-beam scanning apparatus

Title (de)
Vorrichtung zur Mehrstrahlabtastung

Title (fr)
Appareil pour balayage à faisceaux multiples

Publication
EP 0932293 A2 19990728 (EN)

Application
EP 98304410 A 19980604

Priority
KR 19980002412 A 19980126

Abstract (en)
A multi beam scanning apparatus including a beam deflector (20) having a deflection disk (23) on which a plurality of sectors (24a-d) for diffracting and transmitting incident beams are formed, and a driving source (21) for rotating the deflection disk (23), for deflecting the incident beams, at least two optical sources (10) for emitting beams onto different sectors of the deflection disk (23), and a beam path changing means (30) for changing the path of at least one beam among the deflected beams to allow the beams deflected by the beam deflector (20) to form parallel scan lines on an image plane (61). <IMAGE>

IPC 1-7
H04N 1/113

IPC 8 full level
B41J 2/44 (2006.01); **G02B 26/10** (2006.01); **G03G 15/01** (2006.01); **H04N 1/191** (2006.01)

CPC (source: EP KR)
G02B 26/106 (2013.01 - EP); **G03G 15/01** (2013.01 - KR); **H04N 1/1265** (2013.01 - EP); **H04N 1/1912** (2013.01 - EP)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0932293 A2 19990728; **EP 0932293 A3 20000705**; JP 3164553 B2 20010508; JP H11231238 A 19990827; KR 100287151 B1 20010416; KR 19990066473 A 19990816

DOCDB simple family (application)
EP 98304410 A 19980604; JP 14150798 A 19980522; KR 19980002412 A 19980126